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class - vii

Sec - D/B

chap - The atmosphere.

Exam - Worksheet.

Short Questions:-

1. How is good atmosphere essential for the living being?

Ans- Atmosphere is essential for life because it has oxygen and other useful gases which humans need for their survival.

2. How is air useful?

Ans- The air gives energy for the function of living things.

3. Name the ^{constituents} ~~nitrogen~~ found in air?

Ans- The constituents found in air are: Nitrogen, oxygen, carbon dioxide.

4. What is the percentage of nitrogen found in the air?

Ans- The percentage of nitrogen found in the air are 78 percentage.

5. What is the percentage of oxygen, Argon and Carbondioxide in air?

Ans- ~~oxygen~~ Oxygen - 21 percent, Argon - 0.93 percent
Carbondioxide - 0.04.

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6. How is nitrogen taken by plants?

Ans - plants absorb nitrogen from the soil as both NH_4^+ and NO_3^- ions.

7. How is oxygen which is taken by human and animals to breathe

Ans - Oxygen is produced by the secret way of trees leaf. ~~where~~ we take with our breathe.

8. Which atmospheric layer has very thin air and light gasses?

Ans Troposphere atmospheric layer has very thin air and light gasses.

9. What is global warming?

Ans - climate change includes both human induced global warming and its large-scale impacts on weather patterns.

10. What is temperature?

Ans - Temperature is a physical quantity that expresses the degree of hotness or coldness.

11. What is humidity?

Ans - Humidity is the amount of water vapour in air.

12. What is wind?

Ans - wind is the movement in the air, caused by the uneven heating in the earth.

13. Name the instrument which is used for measuring rainfall?

Ans - The standard instrument for the measurement of air rainfall is 203 mm (8 inch) rain gauge.

14. How are wind named?

Ans - winds are named based on the direction they are coming from.

15. Who invented measuring unit of temperature as degree Celsius?

Ans - Astronomer Anders Celsius, invented measuring unit of temperature as degree Celsius.

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Q.16

16. How do all living beings depend on the atmosphere for the survival?

Ans- All living beings depend on the ~~air~~ ~~atmosphere~~ atmospheric for their survival. Atmospheric provides them the air they breathe.

17. What is green house effect?

Ans- The green house effect is a natural process that warms the Earth's surface.

~~18~~

18 Ans- The oxygen releases by plants during photosynthesis and Carbondioxide.

19. Ans- The lower stratosphere to avoid the turbulence which is common in the stratosphere below.

20 Ans- The uppermost layer, that blends with ~~outer~~ is considered to be the outer space is the exosphere.

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21 Ans - Solar irradiance is the power unit area received from the sun.

22 Ans - Earth's atmosphere is composed of about 78 percent nitrogen, 21 percent oxygen, 0.9 percent argon, and 0.1 percent other gases.